

**SIZE LIMITATIONS
(Without Special Permits)
Sections 304.170, 304.190**

The maximum height of any vehicle or combination of vehicles including load is dependent upon whether or not the vehicle or combination of vehicles is operated in a commercial zone as defined by **Section 304.190 RSMo.** There are five commercial zones in the State; they include the cities of **Columbia, Kansas City, Springfield, St. Joseph and St. Louis.**

MAXIMUM HEIGHT OF ANY VEHICLE INCLUDING LOAD IN A COMMERCIAL ZONE.....15 feet

MAXIMUM HEIGHT OF ANY VEHICLE OUTSIDE A COMMERCIAL ZONE INCLUDING LOAD.....14 feet on interstate and designated highways and 13 1/2 feet on all other highways. (Vehicle transporting motor vehicles14 feet on all highways)

Width measurements do not include clearance lights, rearview mirrors, or other devices required by or allowed under federal, state, or city law or regulation. A recreational vehicle as defined in Section 700.010 RSMo., may exceed the width limit if any appurtenance does not extend further than the rearview mirrors. In that case, rearview mirrors may only extend that distance necessary to provide the required field of view before any appurtenance was attached.

MAXIMUM WIDTH OF ANY VEHICLE INCLUDING LOAD ON ANY HIGHWAY IS 102 inches

MAXIMUM LENGTH OF ANY SINGLE VEHICLE INCLUDING LOAD45 feet

(Buses may have a safety bumper that extends 1 foot in front and 1 foot to the rear for an overall length of 45 feet plus safety bumpers.)

The maximum length of a combination of vehicles depends on the type of vehicle combination and the type of highway on which it operates. The Missouri Highway and Transportation Commission has designated certain highways for longer lengths and illustrated them on an official map published by the Missouri Department of Transportation.

MAXIMUM LENGTH OF TRUCK-TRACTOR AND SEMI-TRAILER COMBINATIONS INCLUDING LOAD..60 feet

(May have longer lengths on interstate and designated routes, plus a distance not to exceed ten miles therefrom.*)

MAXIMUM LENGTH FOR A TRUCK-TRACTOR AND SEMI-TRAILER COMBINATION, INCLUDING LOAD, IS LIMITED BY THE LENGTH OF THE SEMI-TRAILER WHICH CAN BE NO MORE THAN 53 FEET. THIS LIMIT APPLIES TO THE INTERSTATE SYSTEM AND DESIGNATED HIGHWAYS, PLUS 10 MILES FROM THOSE ROUTES. THERE IS NO OVERALL LENGTH LIMIT FOR THIS VEHICLE ON THE ROUTES MENTIONED ABOVE.

Those vehicles equipped with a dromedary plate or dromedary box also fall under the same length limit as spelled out above. A dromedary is defined as a box, deck or plate mounted behind the cab and forward of the fifth wheel on the frame of a power unit.

MAXIMUM LENGTH OF TRUCK-TRACTOR, SEMI-TRAILER AND TRAILER COMBINATIONS INCLUDING LOAD ON PRIMARY HIGHWAYS NOT DESIGNATED BY STATE COMMISSION PLUS A DISTANCE NOT TO EXCEED TEN MILES THEREFROM65 FEET

(No overall length limit on interstate and highways designated by the State Highway and Transportation Commission plus a distance not to exceed ten miles therefrom.*)

MAXIMUM LENGTH FOR A TRUCK-TRACTOR, SEMI-TRAILER, TRAILER COMBINATION (DOUBLE BOTTOMS), INCLUDING LOAD, IS LIMITED BY THE LENGTH OF THE SEMI-TRAILERS WHICH CAN BE NO MORE THAN 28 FEET. THIS LIMIT APPLIES TO THE INTERSTATE SYSTEM AND DESIGNATED HIGHWAYS, PLUS 10 MILES FROM THOSE ROUTES. THERE IS NO OVERALL LENGTH LIMIT FOR THIS VEHICLE ON THE ROUTES MENTIONED ABOVE. TRAILERS WITH A LENGTH OF 28 1/2 FEET MAY CONTINUE TO BE OPERATED IF A TRAILER OF THAT LENGTH WAS ACTUALLY AND LEGALLY OPERATED IN MISSOURI ON OR BEFORE DECEMBER 1, 1982.

MAXIMUM LENGTH LIMIT FOR TRUCK AND TRAILER COMBINATIONS AND ALL OTHER COMBINATIONS OF VEHICLES NOT PREVIOUSLY SPECIFICALLY ADDRESSED, INCLUDING LOAD, IS 65 FEET. THIS LIMIT APPLIES TO THE INTERSTATE SYSTEM, PRIMARY AND DESIGNATED ROUTES, PLUS 10 MILES FROM THOSE ROUTES. THIS LIMIT APPLIES TO THOSE VEHICLES EQUIPPED WITH FREIGHT CARRYING CAPABILITY (FLAT BED TRUCK, PICKUP TRUCK, ETC.) PULLING TRAILERS AND TO VEHICLES SUCH AS A PICKUP PULLING A CAMPING TRAILER AND A BOAT.

(See truck-tractor and semi-trailer length and truck-tractor semi-trailer and trailer length limits.)

MAXIMUM LENGTH OF TRUCK AND TRAILER(S) AND ALL OTHER COMBINATIONS OF VEHICLES INCLUDING LOAD, EXCEPT TRUCK-TRACTOR AND SEMI-TRAILER COMBINATIONS55 FEET

(Applies on all highways except interstate, primary and routes designated by the State Highway and Transportation Commission plus a distance not to exceed ten miles therefrom.*)

THE MAXIMUM LENGTH OF ANY DRIVEAWAY SADDLEMOUNT OR SADDLEMOUNT WITH A FULLMOUNT COMBINATION OF VEHICLES OPERATED ON THE INTERSTATE SYSTEM OF HIGHWAYS AND DESIGNATED ROUTES, PLUS 10 MILES FROM THOSE HIGHWAYS, IS LIMITED TO 97 FEET IN OVERALL LENGTH.

Additionally, these types of vehicle combinations are limited to no more than three saddlemounted vehicles and one fullmount. A saddlemount is a way of attaching the steering axle of a towed vehicle to the frame or fifth wheel of a towing vehicle.



**WEIGHT LIMITATIONS
(Without Special Permit)
Section 304.180**

Missouri highways are designed to support established maximum weights, and excess weight can cause damage to the highways. To protect our State highways, specific weight limitations have been placed on commercial vehicles. The State Highway and Transportation Commission has established weight restrictions according to the types of highways and bridges. The designated highways and bridge limits are

illustrated on an official map published by the Missouri Department of Transportation. By law a vehicle or combination of vehicles can be overweight in any of the following ways:

- 1. THE VEHICLE CAN HAVE TOO MUCH WEIGHT ON ANY SINGLE AXLE.**
 - a. Maximum weight allowed on the interstate system is limited to no more than 20,000 pounds.
 - b. Maximum weight allowed on all other highways is limited to no more than 22,000 pounds.
 - c. Maximum weight allowed in a commercial zone defined in Section 304.190 RSMo. is limited to no more than 22,400 pounds.
 - d. Steering axle weight is subject to the limits listed above, but is also subject to the following:
 1. manufacturers weight rating for the steering axle
 2. steering axle tire weight rating
- 2. THE VEHICLE CAN HAVE TOO MUCH WEIGHT ON ANY TANDEM AXLE.** A tandem axle is defined as a group of two or more axles, arranged one behind the other, separated by a distance of no less than 40 inches nor more than 96 inches.
 - a. Maximum weight allowed on the interstate system is limited to no more than 34,000 pounds.
 - b. Maximum weight allowed on all other highways is limited to no more than 36,000 pounds.
- 3. THE VEHICLE CAN HAVE TOO MUCH WEIGHT ON ANY GROUP OF TWO OR MORE AXLES ON THE INTERSTATE AND ALL OTHER HIGHWAYS.** This is determined by use of a table of distances between axles, the number of axles in the group and the maximum gross weight the group of axles can legally carry.

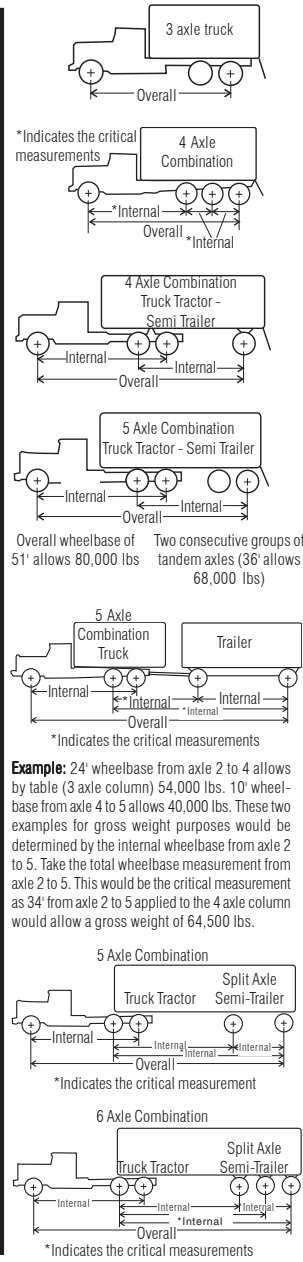
In addition to the weight limits referred to in 1 and 2 above, the allowable weight on the interstate or other highways by any **group of two or more consecutive axles** of any vehicle or combination of vehicles shall not exceed the maximum load in pounds as set forth in the following table.

The distance measured between the centers of the axles is **to the nearest foot.** A distance of 39'-6" is to be measured as 40 feet.

On all highways other than the interstate system an additional 2,000 pounds may be added to the weight table, except the 80,000 pound maximum gross weight may not be exceeded.

| LEGAL LIMITS ON INTERSTATE HIGHWAYS (EXCEPT IN COMMERCIAL ZONES) | | | | | |
|---|---------|--|---------|---------|---------|
| Distance in feet between the extremes of any group of 2 or more consecutive axles measured to the nearest foot except where indicated otherwise | | Maximum Load in Pounds Carried on Any Group of 2 or more Consecutive Axles | | | |
| | 2 axles | 3 axles | 4 axles | 5 axles | 6 axles |
| 4 | 34,000 | | | | |
| 5 | 34,000 | | | | |
| 6 | 34,000 | | | | |
| 7 | 34,000 | | | | |
| 8 | 34,000 | 34,000 | | | |
| More than 8 | 38,000 | 42,000 | | | |
| 9 | 39,000 | 42,500 | | | |
| 10 | 40,000 | 43,500 | | | |
| 11 | | 44,000 | | | |
| 12 | | 45,000 | 50,000 | | |
| 13 | | 45,500 | 50,500 | | |
| 14 | | 46,500 | 51,500 | | |
| 15 | | 47,000 | 52,000 | | |
| 16 | | 48,000 | 52,500 | 58,000 | |
| 17 | | 48,500 | 53,500 | 58,500 | |
| 18 | | 49,500 | 54,000 | 59,000 | |
| 19 | | 50,000 | 54,500 | 60,000 | |
| 20 | | 51,000 | 55,500 | 60,500 | 66,000 |
| 21 | | 51,500 | 56,000 | 61,000 | 66,500 |
| 22 | | 52,500 | 56,500 | 61,500 | 67,000 |
| 23 | | 53,000 | 57,500 | 62,500 | 68,000 |
| 24 | | 54,000 | 58,000 | 63,000 | 68,500 |
| 25 | | 54,500 | 58,500 | 63,500 | 69,000 |
| 26 | | 55,500 | 59,500 | 64,000 | 69,500 |
| 27 | | 56,000 | 60,000 | 65,000 | 70,000 |
| 28 | | 57,000 | 60,500 | 65,500 | 71,000 |
| 29 | | 57,500 | 61,500 | 66,000 | 71,500 |
| 30 | | 58,500 | 62,000 | 66,500 | 72,000 |
| 31 | | 59,000 | 62,500 | 67,500 | 72,500 |
| 32 | | | 63,500 | 68,000 | 73,000 |
| 33 | | | 64,000 | 68,500 | 74,000 |
| 34 | | | 64,500 | 69,000 | 74,500 |
| 35 | | | 65,500 | 70,000 | 75,000 |
| 36 | | | 66,000 | 70,500 | 75,500 |
| 37 | | | 66,500 | 71,000 | 76,000 |
| 38 | | | 67,500 | 72,000 | 77,000 |
| 39 | | | 68,000 | 72,500 | 77,500 |
| 40 | | | 68,500 | 73,000 | 78,000 |
| 41 | | | 69,500 | 73,500 | 78,500 |
| 42 | | | 70,000 | 74,000 | 79,000 |
| 43 | | | 70,500 | 75,000 | 80,000 |
| 44 | | | 71,500 | 75,500 | |
| 45 | | | 72,000 | 76,000 | |
| 46 | | | 72,500 | 76,500 | |
| 47 | | | 73,500 | 77,500 | |
| 48 | | | 74,000 | 78,000 | |
| 49 | | | 74,500 | 78,500 | |
| 50 | | | 75,500 | 79,000 | |
| 51 | | | 76,000 | 80,000 | |
| 52 | | | 76,500 | | |
| 53 | | | 77,500 | | |
| 54 | | | 78,000 | | |
| 55 | | | 78,500 | | |
| 56 | | | 79,500 | | |
| 57 | | | 80,000 | | |

4. IT CAN HAVE TOO MUCH GROSS WEIGHT WITH LOAD IMPOSED ON BRIDGES POSTED WITH SIGNS MARKED AS FOLLOWS, "WEIGHT LIMIT 20 TONS". The amount of weight limit varies depending on the structural capability of any particular bridge. Other restrictions may also apply such as speed and lane use. Also, the weight limit and other restrictions may only apply to certain vehicles such as triple axle trailers in combination with truck or tractor.



(Posted bridges appear on Missouri Department of Transportation maps that depict the sections of the state highway system on which various weight, length and width limits are uthorized.*

***Official MoDOT Highway Maps** showing highways on which vehicles of various lengths, widths and weights may travel as well as posted bridges for lower limits may be obtained from the Missouri Department of Transportation, Special Permits Section, Post Office Box 270, Jefferson City, Missouri, 65102; telephone (573) 751-2871 or 1-800-877-8499.

****The measurement of width will NOT** include safety and energy conservation devices such as rear view mirrors, turn signal lamps, marker lamps, steps and handholds for entry and egress, flexible fender extensions, mudflaps and splash and spray suppressant devices, load-induced tire bulge, refrigeration units or air compressors and other such devices that do not by its design or use have the capability to carry cargo.

OVERSIZE WEIGHT PERMITS - Section 304.200

Permits for vehicles with non-divisible loads exceeding maximum dimensions or weights are issued under the authority of the Chief Engineer, Missouri Department of Transportation.

SPECIAL OVERWEIGHT - OVERDIMENSION PERMIT REGULATIONS

No movement is allowed on the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (first Monday in September); Thanksgiving Day (fourth Thursday in November); and Christmas Day (December 25).

1. In the event a holiday falls on Saturday, the restriction will apply to the preceding Friday. If a holiday falls on Sunday, the restriction will apply to the following Monday. On all holidays the restriction will begin at 12:00 noon on the day preceding the holiday or the holiday weekend period.

2. All permit offices are closed on the above holidays and also closed on Martin Luther King Day (3rd Monday in January), Lincoln's Birthday (February 12), Washington's Birthday (third Monday in February), Truman's Birthday (May 8), Veteran's Day (November 11), Columbus Day (second Monday in October), and on any date designated by the Governor as a holiday; however, movement under permit is allowed on these days.

Movements under permit must be with licensed vehicles. To obtain other Overweight and Oversize permits and information:

Motor Carrier Services
Special Permit Section
1320 Creek Trail Drive
Jefferson City, MO. 65109
(573) 751-2871 or 1-800-877-8499
www.modot.org/mcs

MISSOURI DEPARTMENT OF TRANSPORTATION OFFICES
For the Missouri Department of Transportation Office nearest you, consult your local phone directory.

STATE HIGHWAY PATROL

| Questions? | | |
|-----------------------------|---|----------------------------------|
| ADDRESSES AND PHONE NUMBERS | | |
| Troop | Headquarters | Telephone Number |
| A | 504 SE Blue Parkway, Lee's Summit 64063-4351 | (816) 622-0800 |
| B | 308 Pine Crest Drive, Macon 63552-1030 | (660) 385-2132 |
| C | 891 Technology Drive, Weldon Spring 63304 | (636) 300-2800 |
| C | * P.O. Box 612, U.S. 67, Park Hills 63601-0612 | (573) 431-0166 |
| D | 3131 East Kearney, Springfield 65803-5044 | (417) 895-6868 |
| D | 4282 South Grand Avenue, Carthage 64836-1484 | (417) 359-1500 |
| E | * 4947 Highway 67 North, Poplar Bluff 63901-8719 | (573) 840-9500 |
| E | 105 Keystone Drive, Sikeston 63801-5603 | (573) 472-5200 |
| F | * P.O. Box 568, 2920 North Shamrock Road Jefferson City 65102-0568 | (573) 751-1000 |
| G | P.O. Box 10, Business U.S. 60-63, Willow Springs 65793-0010 | (417) 469-3121 |
| H | P.O. Box 8580, 3525 North Belt, St. Joseph 64508-8580 | (816) 387-2345 |
| I | P.O. Box 128, Nagogami Road West, Rolla 65402-0128 | (573) 368-2345 |
| GHQ | P.O. Box 568, 1510 East Elm,Jefferson City 65102-0568 Commercial Vehicle Enforcement Division | (573) 751-3313 (573) 526-6128 |

* Service Centers

Emergency Assistance
1-800-525-5555 or cellular *55

Road Condition Report
1-800-222-6400 or
(573) 526-8828

Published by:
Missouri State Highway Patrol
1510 East Elm Street
Jefferson City, Missouri 65101



An Internationally Accredited Agency SHP-250F 7/2009

MISSOURI'S

COMMERCIAL VEHICLE REGULATIONS



SIZE AND WEIGHT

LIMITATIONS

Welcome to Missouri!

COMMERCIAL VEHICLE ENFORCEMENT

A DIVISION OF THE
MISSOURI STATE HIGHWAY PATROL

